

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number:

10|563,025

Source:

IFWP

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IFWP

## RAW SEQUENCE LISTING

DATE: 01/13/2006

PATENT APPLICATION: US/10/563,025

TIME: 10:30:52

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\01132006\J563025.raw

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3 <110> APPLICANT: Gomez Roman, Jose Javier
4   Saenz Jimenez, Maria Pilar
5   Ochoa Garay, Jorge
6   del Amo Iribarren, Jokin
7   Sanz Ibayondo, Cristina
8   Junquera Sanchez-Vallejo, Corina
9   Simon Buella, Laureano
10  Martinez Martinez, Antonio
11  Arguelles Sanchez, Maria Eladia
12  Val Bernal, Jose Fernando
13  Cuevas Gonzalez, Jorge
15 <120> TITLE OF INVENTION: IN VITRO METHODS FOR DETECTING RENAL CANCER
17 <130> FILE REFERENCE: 4258-119
C--> 19 <140> CURRENT APPLICATION NUMBER: US/10/563,025
20 <141> CURRENT FILING DATE: 2005-12-30
22 <150> PRIOR APPLICATION NUMBER: PCT/EP2004/007195
23 <151> PRIOR FILING DATE: 2004-06-30
25 <150> PRIOR APPLICATION NUMBER: ES 200301518
26 <151> PRIOR FILING DATE: 2003-06-30
28 <160> NUMBER OF SEQ ID NOS: 23
30 <170> SOFTWARE: PatentIn version 3.3
32 <210> SEQ ID NO: 1
33 <211> LENGTH: 20
34 <212> TYPE: DNA
35 <213> ORGANISM: Artificial sequence
37 <220> FEATURE:
38 <223> OTHER INFORMATION: direct primer designed to amplify, in combination with SEQ ID
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41 <400> SEQUENCE: 1
42 acagtgtgac aggcaaggcc
45 <210> SEQ ID NO: 2
46 <211> LENGTH: 23
47 <212> TYPE: DNA
48 <213> ORGANISM: Artificial sequence
50 <220> FEATURE:
51 <223> OTHER INFORMATION: reverse primer designed to amplify, in combination with SEQ
ID NO
52   : 1, cDNA of the plexin-B1 gene
54 <400> SEQUENCE: 2
55 cacagccaat agtgcattca agg
58 <210> SEQ ID NO: 3
59 <211> LENGTH: 25
60 <212> TYPE: DNA

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61 <213> ORGANISM: Artificial sequence

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63 &lt;220&gt; FEATURE:

64 <223> OTHER INFORMATION: probe sequence of the 33783\_at of Affymetrix, the position of  
65 said probe in the mRNA sequence of the plexin-B1 gene being 6508

67 &lt;400&gt; SEQUENCE: 3

68 ttcagcctgg cctgggcagc cctgg 25

71 &lt;210&gt; SEQ ID NO: 4

72 &lt;211&gt; LENGTH: 25

73 &lt;212&gt; TYPE: DNA

74 &lt;213&gt; ORGANISM: Artificial sequence

76 &lt;220&gt; FEATURE:

77 <223> OTHER INFORMATION: probe sequence of the 33783\_at of Affymetrix, the position of  
78 said probe in the mRNA sequence of the plexin-B1 gene being 6545

80 &lt;400&gt; SEQUENCE: 4

81 gaggccacct tcttaggtgc ctgta 25

84 &lt;210&gt; SEQ ID NO: 5

85 &lt;211&gt; LENGTH: 25

86 &lt;212&gt; TYPE: DNA

87 &lt;213&gt; ORGANISM: Artificial sequence

89 &lt;220&gt; FEATURE:

90 <223> OTHER INFORMATION: probe sequence of the 33783\_at of Affymetrix, the position of  
91 said probe in the mRNA sequence of the plexin-B1 gene being 6563

93 &lt;400&gt; SEQUENCE: 5

94 gcctgtagtg actgacaagc agagt 25

97 &lt;210&gt; SEQ ID NO: 6

98 &lt;211&gt; LENGTH: 25

99 &lt;212&gt; TYPE: DNA

100 &lt;213&gt; ORGANISM: Artificial sequence

102 &lt;220&gt; FEATURE:

103 &lt;223&gt; OTHER INFORMATION: probe sequence of the 33783\_at of Affymetrix, the position

of

104 said probe in the mRNA sequence of the plexin-B1 gene being 6565

106 &lt;400&gt; SEQUENCE: 6

107 ctgtagtgac tgacaagcag agtta 25

110 &lt;210&gt; SEQ ID NO: 7

111 &lt;211&gt; LENGTH: 25

112 &lt;212&gt; TYPE: DNA

113 &lt;213&gt; ORGANISM: Artificial sequence

115 &lt;220&gt; FEATURE:

116 &lt;223&gt; OTHER INFORMATION: probe sequence of the 33783\_at of Affymetrix, the position

of

117 said probe in the mRNA sequence of the plexin-B1 gene being 6651

119 &lt;400&gt; SEQUENCE: 7

120 agacccgggg cctcaaggct catgg 25

123 &lt;210&gt; SEQ ID NO: 8

124 &lt;211&gt; LENGTH: 25

125 &lt;212&gt; TYPE: DNA

126 &lt;213&gt; ORGANISM: Artificial sequence

128 &lt;220&gt; FEATURE:

129 &lt;223&gt; OTHER INFORMATION: probe sequence of the 33783\_at of Affymetrix, the position

of

130 said probe in the mRNA sequence of the plexin-B1 gene being 6659

132 &lt;400&gt; SEQUENCE: 8

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133 ggcctcaagg ctcatgggggt agtac 25  
 136 <210> SEQ ID NO: 9  
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 139 <213> ORGANISM: Artificial sequence  
 141 <220> FEATURE:  
 142 <223> OTHER INFORMATION: probe sequence of the 33783\_at of Affymetrix, the position  
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 143 said probe in the mRNA sequence of the plexin-B1 gene being 6670  
 145 <400> SEQUENCE: 9  
 146 tcatggggta gtaccagcc tgctc 25  
 149 <210> SEQ ID NO: 10  
 150 <211> LENGTH: 25  
 151 <212> TYPE: DNA  
 152 <213> ORGANISM: Artificial sequence  
 154 <220> FEATURE:  
 155 <223> OTHER INFORMATION: probe sequence of the 33783\_at of Affymetrix, the position  
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 156 said probe in the mRNA sequence of the plexin-B1 gene being 6704  
 158 <400> SEQUENCE: 10  
 159 agcgaccctg tgacaccggt ctgca 25  
 162 <210> SEQ ID NO: 11  
 163 <211> LENGTH: 25  
 164 <212> TYPE: DNA  
 165 <213> ORGANISM: Artificial sequence  
 167 <220> FEATURE:  
 168 <223> OTHER INFORMATION: probe sequence of the 33783\_at of Affymetrix, the position  
 of  
 169 said probe in the mRNA sequence of the plexin-B1 gene being 6706  
 171 <400> SEQUENCE: 11  
 172 cgaccctgtg acaccgttct gcagg 25  
 175 <210> SEQ ID NO: 12  
 176 <211> LENGTH: 25  
 177 <212> TYPE: DNA  
 178 <213> ORGANISM: Artificial sequence  
 180 <220> FEATURE:  
 181 <223> OTHER INFORMATION: probe sequence of the 33783\_at of Affymetrix, the position  
 of  
 182 said probe in the mRNA sequence of the plexin-B1 gene being 6809  
 184 <400> SEQUENCE: 12  
 185 ctggccttgg ccacactggg attcg 25  
 188 <210> SEQ ID NO: 13  
 189 <211> LENGTH: 25  
 190 <212> TYPE: DNA  
 191 <213> ORGANISM: Artificial sequence  
 193 <220> FEATURE:  
 194 <223> OTHER INFORMATION: probe sequence of the 33783\_at of Affymetrix, the position  
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 195 said probe in the mRNA sequence of the plexin-B1 gene being 6812  
 197 <400> SEQUENCE: 13  
 198 gccttgcca cactgggatt cggag 25  
 201 <210> SEQ ID NO: 14  
 202 <211> LENGTH: 25

203 <212> TYPE: DNA

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204 <213> ORGANISM: Artificial sequence

206 <220> FEATURE:

207 <223> OTHER INFORMATION: probe sequence of the 33783\_at of Affymetrix, the position

of

208 said probe in the mRNA sequence of the plexin-B1 gene being 6843

210 <400> SEQUENCE: 14

211 gaggagagcc ccatgcttcc tgtct 25

214 <210> SEQ ID NO: 15

215 <211> LENGTH: 25

216 <212> TYPE: DNA

217 <213> ORGANISM: Artificial sequence

219 <220> FEATURE:

220 <223> OTHER INFORMATION: probe sequence of the 33783\_at of Affymetrix, the position

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221 said probe in the mRNA sequence of the plexin-B1 gene being 6845

223 <400> SEQUENCE: 15

224 ggagagcccc atgcttcctg tctgc 25

227 <210> SEQ ID NO: 16

228 <211> LENGTH: 25

229 <212> TYPE: DNA

230 <213> ORGANISM: Artificial sequence

232 <220> FEATURE:

233 <223> OTHER INFORMATION: probe sequence of the 33783\_at of Affymetrix, the position

of

234 said probe in the mRNA sequence of the plexin-B1 gene being 6997

236 <400> SEQUENCE: 16

237 acagggctgc cctgcctcat aggta 25

240 <210> SEQ ID NO: 17

241 <211> LENGTH: 25

242 <212> TYPE: DNA

243 <213> ORGANISM: Artificial sequence

245 <220> FEATURE:

246 <223> OTHER INFORMATION: probe sequence of the 33783\_at of Affymetrix, the position

of

247 said probe in the mRNA sequence of the plexin-B1 gene being 7009

249 <400> SEQUENCE: 17

250 tgcctcatag gtagccatgg tgagg 25

253 <210> SEQ ID NO: 18

254 <211> LENGTH: 25

255 <212> TYPE: DNA

256 <213> ORGANISM: Artificial sequence

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259 <223> OTHER INFORMATION: probe sequence of the 33783\_at of Affymetrix, the position

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260 said probe in the mRNA sequence of the plexin-B1 gene being 7061

262 <400> SEQUENCE: 18

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266 <210> SEQ ID NO: 19

267 <211> LENGTH: 21

268 <212> TYPE: DNA

269 <213> ORGANISM: Artificial sequence

271 <220> FEATURE:

272 <223> OTHER INFORMATION: direct primer designed to amplify, in combination with SEQ

ID NO  
273 : 20, a fragment of human plexin-B1 located at the 3'end of the



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274      coding sequence
276 <400> SEQUENCE: 19
277 tcaacgcgga cagttcaagt a                               21
280 <210> SEQ ID NO: 20
281 <211> LENGTH: 20
282 <212> TYPE: DNA
283 <213> ORGANISM: Artificial sequence
285 <220> FEATURE:
286 <223> OTHER INFORMATION: reverse primer designed to amplify, in combination with SEQ
ID NO
287      : 19, a fragment of human plexin-B1 located at the 3'end of the
288      coding sequence
290 <400> SEQUENCE: 20
291 cacggacgca tatctcacgt                               20
294 <210> SEQ ID NO: 21
295 <211> LENGTH: 17
296 <212> TYPE: DNA
297 <213> ORGANISM: Artificial sequence
299 <220> FEATURE:
300 <223> OTHER INFORMATION: direct primer designed to amplify, in combination with SEQ
ID NO
301      : 22, a fragment of rib I10 gene used as a control in the RT-PCR
302      reaction
304 <400> SEQUENCE: 21
305 tgcgatggct gcacaca                               17
308 <210> SEQ ID NO: 22
309 <211> LENGTH: 23
310 <212> TYPE: DNA
311 <213> ORGANISM: Artificial sequence
313 <220> FEATURE:
314 <223> OTHER INFORMATION: reverse primer designed to amplify, in combination with SEQ
ID NO
315      : 21, a fragment of rib I10 gene used as a control in the RT-PCR
316      reaction
318 <400> SEQUENCE: 22
319 tcccttagag caaccatac aac                               23
322 <210> SEQ ID NO: 23
323 <211> LENGTH: 15
324 <212> TYPE: PRT
325 <213> ORGANISM: Artificial sequence
327 <220> FEATURE:
328 <223> OTHER INFORMATION: Peptide containing residues 1113-1127 of human plexin-B1
330 <400> SEQUENCE: 23
332 Cys Ala Val Asp Ala Gln Glu Tyr Glu Val Ser Ser Ser Leu Val
333 1          5          10          15

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**VERIFICATION SUMMARY**

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L:19 M:270 C: Current Application Number differs, Replaced Current Application Number